

Michael Manning

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Education

Brown University

Providence, RI

Pursuing Sc.B. Engineering (Mechanical or Electrical), 3.64 GPA

2013–Present

Relevant projects and coursework: Building an open source CNC milling machine and developing accompanying software (not associated with a class), design project based on chaotic motion earning top 10 recognition

UWC Atlantic College

St. Donat's, Wales

Atlantic Diploma, International Baccalaureate Diploma, Higher Level Math, Physics, and Economics

2011–2013

Relevant projects and coursework: Built and maintained boats, worked on a wind turbine, extended essay on religion in American politics

West Bridgewater Middle-Senior High School

West Bridgewater, MA

High School Diploma, Earned Diploma for graduation in 2012 by dual enrollment

2009–2011

Experience

Vocational.....

Office of Residential Life, Brown University

Providence, RI

Residential Peer Leader (Residential Counselor)

August 2014–Present

Responsible for working with colleagues to offer support in academics, first year transition, and life as a first generation college student. Remain available and accessible to first year students. Host programs and activities based on my support focus.

- o Earned first RPL of the Month award

Brown Design Workshop, Brown University

Providence, RI

Monitor

April 2014–Present

Maintain space and monitor for safety and good practice while offering help in project conceptualization and use of tools.

Give workshops on use of rapid prototyping tools such as a laser cutter and 3D printers.

Breakthrough Providence

Providence, RI

Teacher

Summer 2014

Mentored and taught math to high-potential, low-income middle school students.

Organized and executed athletic activities, as well as managed logistics for an overnight lock-in.

- o Earned first cluster member of the week award

American Eagle Outfitters, Inc.

Brockton, MA

Sales Associate

Summer 2013

Interacted with customers, restocked clothing, acted as a cashier.

Atlantic Outdoor Centre

St. Donat's, Wales

Activity Instructor

June 2013–July 2013

Planned and executed sessions instructing rock climbing, mountain boarding, canoeing, etc. for visiting boarding groups aged roughly 8-18 with varying degrees of mental and physical abilities.

Organized, DJ'd, and tended bar for 'discos.'

All Seasons Exteriors, Inc.

Middleboro, MA

Laborer

Summer 2011

Experience with roofing, siding, and relevant tools.

Volunteer.....

Rotary Youth Leadership Awards

Rotary District 7950 – SE Mass. and Rhode Island

Executive Student Director, Student Leader

2013–2014, 2011

Consulted various Rotarians regarding improving the youth program, held a workshop in youth outreach.

Facilitated groups of students through leadership, engagement exercises.

Organized and executed a pilot youth program for ShelterBox International.

Royal National Lifeboat Institution**St. Donat's, Wales***Lifeboat Crew**2012–2013*

24/7 on-call crew member of the Atlantic College lifeboat, 9-12 hours per week of training.

Certified in 'casualty care' incl. CPR, AED, etc.

Instructed students on the practical use and technical components of various boat types, engine constructions, etc.

UWC Atlantic College**St. Donat's, Wales***Peer Listener**2012–2013*

Managed first year student transition.

Offered confidential support to peers and first year students.

Miscellaneous.....

Brown University Men's Rugby Team**Providence, RI***Player**2013–Present*

Achieved Ivy championship title, advancing to nationals; selected for 2014 tour team.

Kurt Hahn Experiential Core**St. Donat's, Wales***Co-Leader**2011–2013*

Planned and executed outdoor activities related to personal and communal development including hikes, expeditions, and community service.

Skills

Communication: : English (fluent), Spanish (intermediate), Public Speaking, Meeting and Breakout Facilitation, Social Media

Productivity: Microsoft Office, Google Apps, Windows and Mac OS, LaTeX

Software/Programming: MATLAB (Proficient), Java (Basic), C++ (Basic), Python (Basic), SolidWorks (Basic), AutoDesk Inventor (Basic)

Physical Design: 3D Printing, Laser Cutting, Experience with shop and construction tools